

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>  
Subject: [8419] Dan's small parts ...  
Message-ID: <09MAY96.24290705.0028.MUSIC@MARISTB.MARIST.EDU>

Yes, I for one did get my money back. No hassle, no questions, just a check in the mail for the entire amount.  
Fr Bowes

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: PDouglas12@aol.com  
Subject: [8418] Dan's Small Parts is Back  
Message-ID: <960509200901\_395020730@emout19.mail.aol.com>

Guys,

You're not going to believe this. I just got a four page catalog of parts from our old friend Dan. He's back in business! I have often found myself wishing there was a small parts guy out there to replace him, and here he is back.

I must say he always dealt honestly with me, and I believe when he left the business suddenly, more than a year ago, he returned his customers' money (correct me if I am wrong.) His address is Box 3634 Missoula, Montana 59806-3634 . Phone/fax 1-406-258-2782. I obviously am only a former customer, and have no stake in this. Caveat Emptor applies.

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Ken Newman N2CQ <103464.1355@CompuServe.COM>  
Subject: [8395] Explorer II and Downspout Ant.  
Message-ID: <960509044525\_103464.1355\_IHI86-1@CompuServe.COM>

Greg,

Your downspout antenna is really interesting. Could you give a fairly detailed discription? I know someday soon I will need to move to the QRP with no antenna homes.

I understand you are doing this with an Explorer II. I'll need the QRP part of the whole package above. Could you give your opinion on it? I think there was a group buy a few months ago when I missed out.

Any other Explorer II users you would care to add yours as well? I'd really like to know more about it and how well the users think of it.

72/73 de Ken - N2CQ  
Woodbury, NJ FM29-jt

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: John McKee <jmckee@rfmd.com>  
Subject: [8400] hamcalc  
Message-ID: <199605091350.JAA34353@nss2.CC.Lehigh.EDU>

Gang,

Could someone email me the latest hamcalc files from lehigh.edu. I have not been able to retrieve them.

Thanks

John McKee  
WB40FT  
email: jmckee@rfmd.com

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: George Dobbs <g3rjv@gqrp.demon.co.uk>  
Subject: [8394] Help wanted by Spanish QRPer  
Message-ID: <t3AkHDAY6RkxEwKy@gqrp.demon.co.uk>

Vicent Llarío, EC3DFD, is looking for the schematics of the Driver Board (80192) and the PA Board (80207) for a Ten-Tec Triton II which is in very sick condition.

If anyone could supply photocopies to me, or direct to Vicent at  
ZARAGOZA, 60, 1er 2a  
BARCELONA 08006  
SPAIN  
we would refund the costs.

or I could receive copies at Dayton.

In truth he really needs replacements for the two boards above...but that is too much to ask (?)

72/3

-----  
George Dobbs G3RJV  
The G QRP Club  
g3rjv@gqrp.demon.co.uk  
-----

"It is vain to do with more  
what can be done with less"  
William of Occum (1290-1350  
-----

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Robspark@aol.com  
Subject: [8420] Houston surplus stores?  
Message-ID: <960509225911\_532080246@emout16.mail.aol.com>

Hi Folks! This question is for folks in the Houston area. I will be in Houston this weekend in the Galleria area. Can you suggest a good, juicy radio and/or surplus type store to visit? I am not very familiar with Houston. Any suggestions will be gratefully accepted. Please save bandwidth and email direct.

Many thanks!

Bob AB5ZD Robspark@aol.com

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)  
Subject: [8413] HP-427A Voltmeter, what is Q6?  
Message-ID: <v01510100adb7a7d17434@[132.235.72.11]>

Gang,

I purchased a Hewlett Packard HP-427A Voltmeter for \$10.00. Couldn't pass up the analog meter for this price. Now I know why I got it so cheeeeeeeep. It is missing Q6 and I have no documentation. Can anyone tell me what Q6 is from your meter (Take off the right side panel) or schematic? I would be very grateful! (Read DESPERATE!)  
Thanks and 73 de

\*\*\*\*\*  
\* Greg Weinfurtner AEE BSS \*  
\* NN N SSSSSS 8888888 0000000 Electronic Design Splst \*  
\* N N N S 8 8 0 0 Ohio University Athens \*  
\* N N N SSSSSS 8888888 0 0 GO BOBCATS! \*  
\* N N N S 8 8 0 0 \*  
\* N NN SSSSSS 8888888 0000000 \*  
\* Can thou send forth lightnings \*

```

*           Amateur Radio           that they may go and say unto  *
*                                     thee, 'Here we are'? Job 38:35  *
*   weinfurtner@ouvaxa.cats.ohiou.edu                                     *
*   http://ouvaxa.cats.ohiou.edu/~weinfurtner                             *
*****

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From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
 From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
 Subject: [8398] Last windom notes (?) (long)  
 Message-ID: <Pine.SOL.3.91.960509064734.19664F-100000@utkux4.utcc.utk.edu>

One last time into the modeling of Windoms:

Using some of KK6MC/5's hints, I have been able to model a single wire Windom and an offcenter-fed dipole with parallel transmission line. As Duffey noted, the single wire version had to be modeled with the source at the ground end, which limited the height of the 40 meter version of the antenna to 68' high, the length of the half-wavelength single wire section. (Any other vertical length simply won't do, and anything shorter than a quarter wavelength converts the antenna into an inverted L with some capacity hat properties.) At 40 meters, the antenna shows a feedpoint impedance in the 600-ohm range with a gain slightly less than that of a dipole at the same height. The take-off angles were the same--28 degrees.

Modeling the parallel line feed model began with a physical approximation of a 450-ohm line: #18 wires 1" apart. These were run to ground (using a MININEC ground, not the Somerfeld-Norton ground available in NEC). Each line was fed in the ground-most segment. Otherwise, the same configuration was used--a 68' horizontal #14 copper wire fed at the 10.2' mark (15%) and 68' of parallel lines. Later, I devised a way of feeding the system so that it could be elevated to different heights above ground, settling in at 80' up.

The vertical component of the radiation pattern was clearly evident using this method of modeling. (The parallel line model was confirmed as being reasonably adequate due to its nearly perfect replication of the vertical and horizontal components of the single wire model.) Instead of a figure 8 or peanut pattern at 40 meters, the pattern on the short-side of the antenna was well-indented, while the long side pattern was nearly straight. Currents on the transmission line section showed the imbalance of both magnitude and phase suggested by a priori analyses by Moxon and others. However, the angle of maximum radiation was not significantly lower than that of a center-fed half-wavelength antenna. Likewise, gain was insignificantly different.

Below is a chart comparing a 40-meter center-fed antenna and the off-center-

fed antenna at 80' up. Feedpoint impedance figures for the center-fed antenna are at the horizontal wire feedpoint, but at the base of the 68' vertical transmission line section of the off-center-fed antenna. These figures should be taken as ballpark only, although they are not too far off values modeled at the horizontal wire feedpoint for frequencies where the line is an approximate multiple of a half-wavelength. The model's physical parallel line does not take into account the velocity factor associated with 450-ohm transmission lines (about 0.95).

Center fed			Off center fed			
Gain	T0 Angle	Feed Z	FQ	Gain	T0 Angle	Feed Z
8.3 dBi	24 degrees	61 + j20	7.15	8.6 dBi	23 degrees	73 +j10
9.9	12	5700-j1800	14.3	9.6	12	137-j35
8.8	8	105-j29	21.3	10.1	8	1600-j800
9.7	6	3400+j1000	28.5	10.8	6	89-j30

The center-fed antenna shows the low impedance at the fundamental and 3rd harmonic, whereas the off-center-fed shows lower impedances at the fundamental and even harmonics. For balun-to-coax systems, the 3rd harmonic of the off-center-fed antenna is not usable.

It is possible to shorten the feedline to 1/4 wavelength (34'). In practice, one would add some kind of line isolator at this point, perhaps in conjunction with a balun or matching device, with coax to the shack. This maneuver would make the antenna usable on 15 meters, since the new transmission line would be a multiple of a half wavelength on that band, and the impedance drops to a lower value (88+j2 in my initial model). Only the 40-meter pattern changes: its angle of maximum radiation drops to 20 degrees. However, its maximum gain drops to 5.2 dBi (from 8.6). This 3dB drop results in actually less power from the short-line version at low radiation angles (say, from 7 to 20 degrees above horizon) than from the long-line version.

If one chooses to use an ATU, then the center-fed antenna remains the least troublesome, since no unbalanced currents are natural to the transmission line in good installations. For the most part, feedline radiation is sufficient to create shack-isolation problems, but not enough make the antenna a significant improvement over the center-fed halfwave wire. Except for some pattern extension toward the long side of the antenna and some pulling in on the short side, patterns are comparable between the off-center fed antenna and the center-fed. 15 meters is the major exception: the center-fed pattern is the expected 6-lobe flower, but on the off-center-fed antenna the pattern is bidirectional with a dimple at midline.

If we have not beat the subject to death and anyone wishes me to try other lengths of transmission line, let me know. However, let us keep it via direct e-mail unless we uncover something unexpected, in which case, we can share it with all on the net.

Again, thanks to Duffey for the clues that yielded a reasonable model of the Windom and its family members. The original Windom, incidentally, was named after its developer, Loren Windom, W8GZ, in 1929. His work appeared in QST for September that year, one month before the stock market crash.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Kevin Muenzler <wb5rue@amsat.org>  
Subject: [8404] License here already!  
Message-ID: <01I4HW04K556001LWD@ARWEN.UTHSCSA.EDU>

I can't believe it! FCC must have a new 50 goazillion dollar computer or something. It's only three weeks since I took the test and I already have my ticket!

Kevin, WB5RUE  
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: kf8at@detroit.ampr.org  
Subject: [8412] MEGA QRP Field Day!  
Message-ID: <7412@detroit.ampr.org>

Hello Fellow QRPers!

Just wanted to update all that were interested in our efforts here in the Detroit area on the largest QRP Field Day that we know of to date. Chuck, K5FO, and several others have been in touch with me and have asked to be kept informed on our plans.

In one of our organizational meetings, Byron, WA8LCZ, was kind enough to give a presentation that was very informative and entertaining. We are certainly taking his thoughts to heart. We here at the Utica Shelby Emergency Communications Association, USECA for short, have appreciated all that sent us suggestions and comments.

At the moment, we plan to run 17A or 18A, with many of the stations running multiple antennas! This will be very interesting! We placed 8th overall in the contest the last 2 years, so we figured we would do it with one hand tied behind our backs this year!

It will be spooky in the field, not hearing an army of generators! The lack

of noise from the exhausts and the lack of EMI caused by the gensets will be a welcome change.

In the past, we have had the distinction of having the largest Field Day by virtue of the number of guests on our sign in sheet. There have been years that we have had between 300 and 400 visitors to the site during the weekend! Of course, a band called QRM plays every year on Friday evening, we have an unbelievable meal on Sat after the contest gets underway (multi-pig roasts, steaks, hamburgers, hot dogs, etc.), weddings, parachute teams, Army Huey flybys, light aircraft flybys all probably contribute to the visitors!

Anyway, plans are in full swing! We are going to use state of the art transceivers dialed down to QRP levels, and high gain antennas with differing angles of radiation. How well the plan goes, I will keep you all informed.

BTW, anybody that is in the area is welcome to come by and visit (and hopefully operate). We are operating in Romeo, Michigan, about 30 miles north of downtown Detroit. I will keep you all informed about latest developments!

73,  
Floyd, KF8AT  
President, USECA  
QRP-L #392

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [8405] NorCal 40A help

Tried to send this last night, but it was returned due to a gateway problem.

Anyway, thanks to all who offered suggestions on the dead rig. I finally got out the big hammer and heated up the iron and went over every joint in the board...that did the trick. Must have a (several?) bad joint(s). Re-aligned and it works better than ever now.

Have to remember not to build in motel rooms in too much of a hurry :^).  
73,  
Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271 ARRL (Not in any order of importance!)

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [8397] QRP Databook

Message-ID: <31919BEA.3749@telis.org>

Guys, I was fortunate enough to receive a preview copy of the QRP Databook that was written by Paul Harden, NA5N of this list. It is the best QRP reference book that I have ever seen. IT is Loaded with useful information, and I don't know how I ever got along without it. I got it at Riley, and since I have had it, I have used it every day.

I took it to the NorCal QRP meeting, and did not let it out of my sight. Everyone who saw it wanted to buy a copy. I will have copies for sale at the next NorCal meeting, but can't do it before then because the book will go on sale at Dayton. It is having its World Premier at FDIM.

In fact, Rich High of the Colorado QRP Club and I announced earlier this week that the Colorado QRP Club and the NorCal QRP Club are jointly sponsoring an open house for Paul on Thursday night at the Day's Inn Dayton South. It will be held in the Miamisburg Room and will begin at 7:00 PM with a presentation by Paul. He will also be available after the presentation to meet with QRPers and answer any questions that you may have about the book, and to take suggestions for future editions, as he plans on making it a work in progress. A great idea.

I don't have any financial ties with 5 Watt Press, and I am not a paid employee or any of that stuff, but I do recommend this book whole heartedly. Chuck Adams, K5FO and I got our preview copies at Riley. We both read it from cover to cover Saturday night at the motel. (Remember this was after getting in the previous night at 2:00 AM and then surviving 60 MPH winds and blowing dust during the day. I will admit that the first thing we did was took a shower, but then we both read the book and literally could not put it down.)

See you at Dayton. I have the weather report, (thanks guys.....GRIN) and will arrive Thursday morning at 9:30 after flying all night from California. Paulette has promised to save me a FDIM ticket, and I am really looking forward to this year's trip. I will have the next NorCal project with me, in fact, there will be 2 future NorCal projects at Dayton. I will bring one and the other will arrive on Friday night.

72, Doug

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: BFG7AJC@NSDL.BELL-ATL.COM  
Subject: [8399] Questions On Yaesu FT-840 As QRP  
Message-ID: <00316000026643730000002\*@MHS>



I've been commercial rig-less for a year and beginning to experience withdrawal. Thinking about buying an FT-840.

Can the TX power be reduced to less than 5 watts? Using ALC negative voltage or front panel control, or both? Can the power be reduced to less than 1 watt? CW and SSB?

Running QRP, can I power this radio with my 4-4.5 amp continuous (5 amp peak) power supply?

Does it do QSK or "near-QSK"? Does this radio have t/r relays? Noisy?

With current \$100 rebate, looks like total cost with CW filter is about \$925. Leads on a better deal would be appreciated.

Any other comments or opinions?

Thanks and 72/73  
Dave, KA3EAJ QRP-L #245  
Columbia, MD  
bfg7ajc@bell-atl.com

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [8417] RIG QUANDARY  
Message-ID: <9604098316.AA831687390@smtpgw.ccgate.dl.nec.com>

Gang:

This is not much QRP related, sorry for the bandwidth. However, I value the vast experience and wide opinions of the list.

Bottom line: I will be getting a bonus from work in June (hard to believe!). I would like to buy my first BIG radio ever (BIG radio = frequency display, good receiver, variable power out down to QRP levels, CW, SSB). I will be able to spend about \$800-\$850 on the rig (my XYL prevents any more;-)).

I wanted to by a Ten Tec Scout, but I have gotten some mixed reviews on them. Other than getting a used radio, and taking a chance on the quality, etc., the Scout was about the only rig in my

price range. I have seen the ICOM 707 going for about this area, but know nothing about it. I've also seen some used Alinco DX-70's and Knwd TS-50's, but get antsy about a used radio's quality.

This is a toughy for me. I want to get the best bang for my buck, but am not sure what to do. I guess I could hold on to the \$\$\$ and put it in the bank until I have enough for a new \$1200 rig, but not thrilled about spending that much on one (plus power supply, filters, etc.).

If anyone is willing to give their two cents worth, I'm listening. Has anybody had good success with some of the rigs I've mentioned? Thanks to all the list Elmers out there!

73 de Dave AC5GY

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Brad Mugleston <bmug@gwl.com>  
Subject: [8406] Thanks  
Message-ID: <199605091423.AA04135@gp-ipc19.gwl.com>

I would like to thank everyone for their help.

I got my address for my Mexico contact (YES).

Thanks for the article on the LED SWR Meter (I got so excited when I got this one I blew away the name of the person that sent it to me. THANKS

And thanks for being a great group. Now if I could just find a group like this that supports windows 95 and novell....

de KB0ROL, Brad

QRP-L Life, CQC #170, ARRL

PS Try sending MISSISSIPPI with out looking at the written word -- I think I dislocated my finger.

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996

From: Mike Robinson <miker@cc.com>  
Subject: [8411] TMPS  
Message-ID: <9605091611.AA18127@voder.nsc.com>

Bob N6WG

Are you present?

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=====
NCARC Superfest, June 1st, Larimer County Fairgrounds, Colorado
=====
AA0UB  TMPS 1996 Qs=005  States=04  Confirmed=00  DX=01
CA LA OR SC
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: /DDV=ZSG01LMPS/DDT=CCMAILPO/I=MARK/G=ANTHONY/S=CFES03/OU2=LMPCC9/OU=ILBB/  
P=MOT/A=MOT/C=US/@email.mot.com  
Subject: [8396] TMPS and variety  
Message-ID: <M766679.004.41e44.1.960509064433Z.CC-MAIL\*/OU=LMPCC9/OU=ILBB/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

I'll second Ray Gretlein's comments from yesterday; I like the variety, too. I use the list (daily digest version) as a "one stop shopping" for low power related stuff -- the loosest possible interpretation suits my interests best.

Cheers and 73,

-- Jakarta Mark (in Singapore, right now)

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Richard Fisher <ki6sn@pe.net>  
Subject: [8410] Worldradio QRP Column Billboard  
Message-ID: <Pine.SOL.3.91.960509090337.18497A-100000@victoria>

Coming in June 1996's Worldradio QRP column:

-- QRP VHF FM FOR FIELD DAY. If you haven't considered operating 2-meter FM simplex for Field Day next month, it's worth a look. A simple HT, gain antenna and good location can reap some pretty impressive results and add nicely to your group's Field Day score. Some important rules and operating tips show the way to success. (Accompanied by photograph)

-- '40A's NEW FACE. Wilderness Radio's popular NorCal-40A has undergone a facelift. A new front panel features holes and markings necessary to add Wilderness' KC-1 displayless frequency counter and keyer kit. Details on how to get it, and at what price.

-- QRPER RALPH BURCH, W8LCU, SK. An obituary for veteran QRPer and founder of the Michigan QRP Club, Ralph Burch, W8LCU.

-- NEW QRP OPERATING AWARDS. Colin Neal, AA3LM, of Malvern, PA, is sponsoring a series of operating awards for QRPers recognizing several tiers of accomplishment.

-- QRP COLUMN INDEX AND SYNOPSIS. If you'd like to browse through an index and synopsis of Worldradio QRP columns from April 1993 to the present, it's yours for the asking.

Vy 72,

Richard Fisher, KI6SN  
Worldradio QRP columnist

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: vhatley@usa.pipeline.com (Vernon A. Hatley)  
Subject: [8401] Re: Explorer II and Downspout Ant.  
Message-ID: <199605091350.NAA03034@pipe12.h1.usa.pipeline.com>

On May 09, 1996 00:45:25, 'Ken Newman N2CQ <103464.1355@CompuServe.COM>' wrote:

>  
>Any other Explorer II users you would care to add yours as well?  
>I'd really like to know more about it and how well the users think of it.  
>  
>72/73 de Ken - N2CQ  
> Woodbury, NJ FM29-jt

Ken,

About the Explorer II; I LOVE IT! Mine is for 40 meters; built for FOX hunting and it is a very nice rig. The receiver hears better than many imported rigs; ie, TS450, IC735, etc. I was blown away at how good this receiver sounds. The variable bandwidth filter works very well too. I wouldn't trade my Explorer II for any QRP rig out there. Don't buy an Explorer I though; their receivers are not as good. There are some reviews of the Explorer II somewhere at Lehigh edu FTP site; but I don't know exactly where. You should read them also, is you can find them. If you have any more specific questions, please email me, I'll be glad to tell you what I know.

72/73

--

KK5RO	Butternut Vertical
Vernon A. Hatley	OHR Explorer II 40M
QRP-L #325	Ten-Tec Omni V
Kent Paddles	

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>  
Subject: [8403] Re: Explorer II and Downspout Ant.  
Message-ID: <96May9.101224-0400edt.65558-18193+25@hooch.CC.Lehigh.EDU>

[...]

> Explorer I though; their receivers are not as good. There are some reviews  
> of the Explorer II somewhere at Lehigh edu FTP site; but I don't know  
> exactly where. You should read them also, is you can find them. If you  
[...]

<ftp://ftp.lehigh.edu/pub/listserv/qrp-l/reviews/ohr.explorer2>

or via e-mail:

GET QRP-L/REVIEWS OHR.EXPLORER2

Here's an index (command: INDEX QRP-L/REVIEWS) of the directory:

Archive: reviews (path: qrp-l/reviews) -- Files:

autek.rf1 (1 part, 5212 bytes) -- Autek RF-1 Antenna Analyzer - N2CX  
blank.form (1 part, 1049 bytes) -- Blank Review Form - K5FO  
dans.nw8020 (1 part, 3935 bytes) -- Dans NW80/20 for 40M - WJ2V  
mfj.90xx (1 part, 3281 bytes) -- MFJ 9030/9040 - NA5N  
norcal.40a (1 part, 6470 bytes) -- NorCal 40a - K5FO

norcal.sierra (1 part, 1993 bytes) -- NorCal Sierra - K5FO  
ohr.explorer30 (1 part, 2441 bytes) -- OHR Explorer for 30M - K5FO  
radiokit.qrp30 (1 part, 2750 bytes) -- RadioKit QRP30 - WJ2V  
swl.swl80 (1 part, 6946 bytes) -- SWL SWL80 - K5FO  
ne4040.mcq (1 part, 13874 bytes) -- New England QRP 4040 - WA8MCQ  
ark4.mcq (1 part, 18990 bytes) -- S&S Engineering rig - WA8MCQ  
introrfd.mcq (1 part, 4545 bytes) -- Intro to RF Design by W7ZOI  
tac1.mcq (1 part, 10004 bytes) -- TAC1, S&S Engineering - WA8MCQ  
yhavol2.mcq (1 part, 7202 bytes) -- K7YHA QRP book Vol 2 - WA8MCQ  
ark40.mcq (1 part, 13528 bytes) -- ARK40/S&S Engineering - WA8MCQ  
rfbook.mcq (1 part, 5846 bytes) -- RF Circuit Design by Bowick  
ingramqrp.mcq (1 part, 7905 bytes) -- Dave Ingram K4TWJ QRP book  
amidonbln.mcq (1 part, 7922 bytes) -- W2FMI balun from Amidon  
yhavol1.mcq (1 part, 7401 bytes) -- K7YHA QRP book Vol 1 - WA8MCQ  
amidonbook.mcq (1 part, 3722 bytes) -- Their big one, not the flyer  
qrpnotebook.mcq (1 part, 13732 bytes) -- W1FB, second one (not blue)  
commqtly.mcq (1 part, 8950 bytes) -- Communications Quarterly mag  
keyskeys.mcq (1 part, 7171 bytes) -- K4TWJ book on CW keys  
gqrp.gqxx (1 part, 2256 bytes) -- GQRP Club GQ40/GQ20 xcvs - N8ET  
yhavook3.mcq (1 part, 10722 bytes) -- Volume 3 of K7YHA on QRP  
ss.ark20 (1 part, 18853 bytes) -- S & S Engineering ARK 20 - 9V1ZV  
tentec.pm (1 part, 6606 bytes) -- Ten Tec PM series - WB8YGG  
cascade.n0tfti (1 part, 6292 bytes) -- Cascade review - N0TFI  
swl.gm30 (1 part, 5498 bytes) -- SWL Green Mountain 30 Review - K5FO  
ohr.explorer2 (1 part, 13899 bytes) -- OHR Explorer II - AA0XZ,KC7CKP,KC1TD,K5FO

73

Jim N3VXI

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Jim Eshleman <lujce@hooch.cc.lehigh.edu>  
Subject: [8402] Re: hamcalc  
Message-ID: <96May9.100608-0400edt.65558-18193+24@hooch.CC.Lehigh.EDU>

> Could someone email me the latest hamcalc files from lehigh.edu. I have  
> not  
> been able to retrieve them.

You can obtain binary files (like HamCalc) via e-mail by sending a command,  
in the body of an e-mail, to listserv@Lehigh.EDU, such as:

GET QRP-L/TOOLS HCAL-19.ZIP  
GET QRP-L/TOOLS HCAL-19.TXT

The list server knows the file is binary, and so will UUEncode it before  
mailing it to you. Beware, HCAL-19.ZIP is large (600K+). The UUEncoded

version of it will be larger than that, make sure your e-mail system will allow e-mail of this size. The list server may split the file up into smaller pieces, I forget... Of course you also need to be able to UUDecode the file when you receive it. E-mail me if you need more info.

73

Jim N3VXI

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Jim Lowman <jlowman@iepsnet.com>  
Subject: [8408] Re: License here already!  
Message-ID: <07371781202417@iepsnet.com>

At 09:11 AM 5/9/96 -0500, you wrote:

>I can't believe it! FCC must have a new 50 goazillion dollar  
>computer or something. It's only three weeks since I took  
>the test and I already have my ticket!

That's pretty routine these days, Kevin. My XYL took her  
no-code tech exam last August on a Saturday morning.  
The following Saturday, her callsign was up on the FCC  
database. That's about 7 calendar days!

73 de Jim - KF6CR

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Kevin Muenzler <wb5rue@amsat.org>  
Subject: [8409] RE: License here already!  
Message-ID: <01I4HZUJIL6Q001LWD@ARWEN.UTHSCSA.EDU>

On Thursday, May 09, 1996 10:37 AM, Jim Lowman[SMTP:jlowman@iepsnet.com] wrote:

>At 09:11 AM 5/9/96 -0500, you wrote:

>>I can't believe it! FCC must have a new 50 goazillion dollar  
>>computer or something. It's only three weeks since I took  
>>the test and I already have my ticket!

>

>That's pretty routine these days, Kevin. My XYL took her  
>no-code tech exam last August on a Saturday morning.  
>The following Saturday, her callsign was up on the FCC  
>database. That's about 7 calendar days!

>

>73 de Jim - KF6CR

>

>  
>

Yeah, I was current in the database as of May first but I expected 6 or 8 weeks to get the paper copy. I'm impressed! I also like the "new" separate wallet and "suitable for framing" copies. It's been a long time since I upgraded last.

Kevin, WB5RUE  
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: "MSgt Cameron C.R. Bailey" <CBAILEY@PAMDT.ANG.AF.MIL>  
Subject: [8407] re: NorCal 40A help  
Message-ID: <heH8+XhUY1B@PAMDT.ANG.AF.MIL>

Gang,

I do some of my best soldering work in motel rooms!  
The phone does not ring and family demands are absent,  
so I can concentrate. I take a 10X magnifier to check  
each soldered joint. Always take an extension cord.  
I built the NorCal Curtis keyer and St Louis audio amp  
pcb in one hour each. I was not in a hurry and that  
included setup time. (I'm a slow worker and picky).  
One word of caution, don't fill the room with solder  
fumes and set off the smoke detector!  
You'll be interrupted for sure then!

72 de kt3a

-----  
Cam Bailey  
SOGNET LAN Administrator (Banyan)  
211 Engineering Installation Squadron  
Fort Indiantown Gap (Annville) PA  
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: bry2@usa.pipeline.com (Mr. Bry)  
Subject: [8415] Re: Questions On Yaesu FT-840 As QRP  
Message-ID: <199605091923.TAA22500@pipe12.h1.usa.pipeline.com>

On May 09, 1996 09:07:11, 'BFG7AJC@NSDL.BELL-ATL.COM' wrote:



>I've been commercial rig-less for a year and beginning to experience  
>withdrawal. Thinking about buying an FT-840.  
>

I have one & I like it in a lot of ways.

>Can the TX power be reduced to less than 5 watts? Using ALC negative  
>voltage or front panel control, or both? Can the power be reduced to less  
>than 1 watt? CW and SSB?

You would have to go with the negative ALC to go below 5 watts.  
The front panel pot will turn it down to 5-7 watts, depending on band & SWR  
etc.  
That is low enough for me to consider mine "QRP" since I have a very bad  
antenna  
and a long feedline!

>Running QRP, can I power this radio with my 4-4.5 amp continuous (5 amp  
>peak) power supply?

It would probably do fine.

>Does it do QSK or "near-QSK"? Does this radio have t/r relays? Noisy?

No, it does not do QSK. It has a relay - like VOX. NOT QSK or anything  
close to it!

>With current \$100 rebate, looks like  
total cost with CW filter is about  
>\$925. Leads on a better deal would be appreciated.

Keep chekcing around for the best deal & let us know!!

>  
>Any other comments or opinions?  
>

>Thanks and 72/73  
>Dave, KA3EAJ QRP-L #245  
>Columbia, MD  
>bfg7ajc@bell-atl.com  
>  
--

/.-./ .-./ .-./ - .-./ .-./

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\_ /      \_ /      \_ /      \_ /      \_ /
\_ /      \_ /      \_ /      \_ /      \_ /
\_/       -'bry2@usa.pipeline.com'-   \_/
```

From owner-qrp-1@Lehigh.EDU Thu May 9 22:32:32 1996  
From: "Tony Flusche" <Tony\_Flushce@compuware.com>  
Subject: [8414] RE: SLT Dummy Load  
Message-ID: <199605091755.AA16585@stargate.compuware.com>

>Has anyone else tried using the dummy load built in to the St. Louis Tuner  
>on the higher HF bands? The DC resistance is very close to 50 ohms but the  
>VSWR on 10M > 2:1. I have my forward meter set for 5W full scale and the  
>reverse for 1W FS. I get a full scale reverse deflection on 10. My guess  
>is that the long runs of #18 wire between the switch and other parts of the  
>tuner adds a fair amount of inductive reactance  
I noticed this too. I replaced r7-r10 with carbon resistors and reflected power  
goes to zero. Tested with a cascade on 20 & 70M.

Also, It seems wrong to me to have the inductance on L1 switchable to Zero, any comments?

Tony AB6BR

From owner-qrp-l@Lehigh.EDU Thu May 9 22:32:32 1996  
From: Steven Wilson <randyw@crl.com>  
Subject: [8416] Re: WAS awards question  
Message-ID: <Pine.SUN.3.91.960509115724.26911A-100000@crl13.crl.com>

Steve, over the years the way to rate an amateur transmitter has varied so I doubt if anyone truly knows the answer to your question. In the early days of radio power was rated by commercial standards of the tube construction. I seriously doubt if any two mfr used the same procedure. Much like the ratings on audio amplifiers of today. Later power input was used and today most use output. Some use peak and some rms output so the problem still exists.

However, If you are interested in "GREAT" QRP ops over the years it pays

to search the records for the following W9PNE, G4BUE and W2QHH.

I think the maximum power that W2QHH ever ran was 50 watts input. He collected just about every award offered in amateur radio for operating. He did this from a small city lot, many trees and even more power lines. W9PNE is still active today with extreme low power on the lowfer band. I believe G4BUE writes for SPRAT. Even with modern receivers and computer designed antennas it will be very hard for anyone to match the results of some of those in the past.

Remember only 20 to 30 years ago the receivers were only about 5 uvolts and 2 khz selectivity. Today we have 0.1 uV and 10 hz selectivity. Quite a change so we are dealing with Apples and Oranges when we talk about contacts today vs. yesterday.

Each should look at QRP as a personal achievement. Maybe you work X states with Z power this year. Next year try for XX states with Z/10 power.

If you could work (TODAY) all states on 10 meters with 1 kw it would be a record. However, TOMORROW when the sun spots get going you shuld be able to do it with 1 watt. Make your own goals and enjoy. I have had many a good weekend when I hv tried to work all states in 24 hours or 100 countries. Luckily I hv been able to do both, but certainly not every week end. Try working 100 countries when their is no DX contest. Or try WAS with a dead band. WAS and/or DXCC is a great goal. Once you got it, change your own rules, work to beat your own record.

de stan ak0b

On Tue, 7 May 1996, STEVE STUNTZ wrote:

> What is the lowest power level ever used to acheive a Worked All States  
> award?  
>  
> DE N0BF Stephen Stuntz Stuntz@WAPA.GOV  
>  
>  
>